



Chip Spreader



Spreadmaster

Tier 4 Final / EU Stage IV



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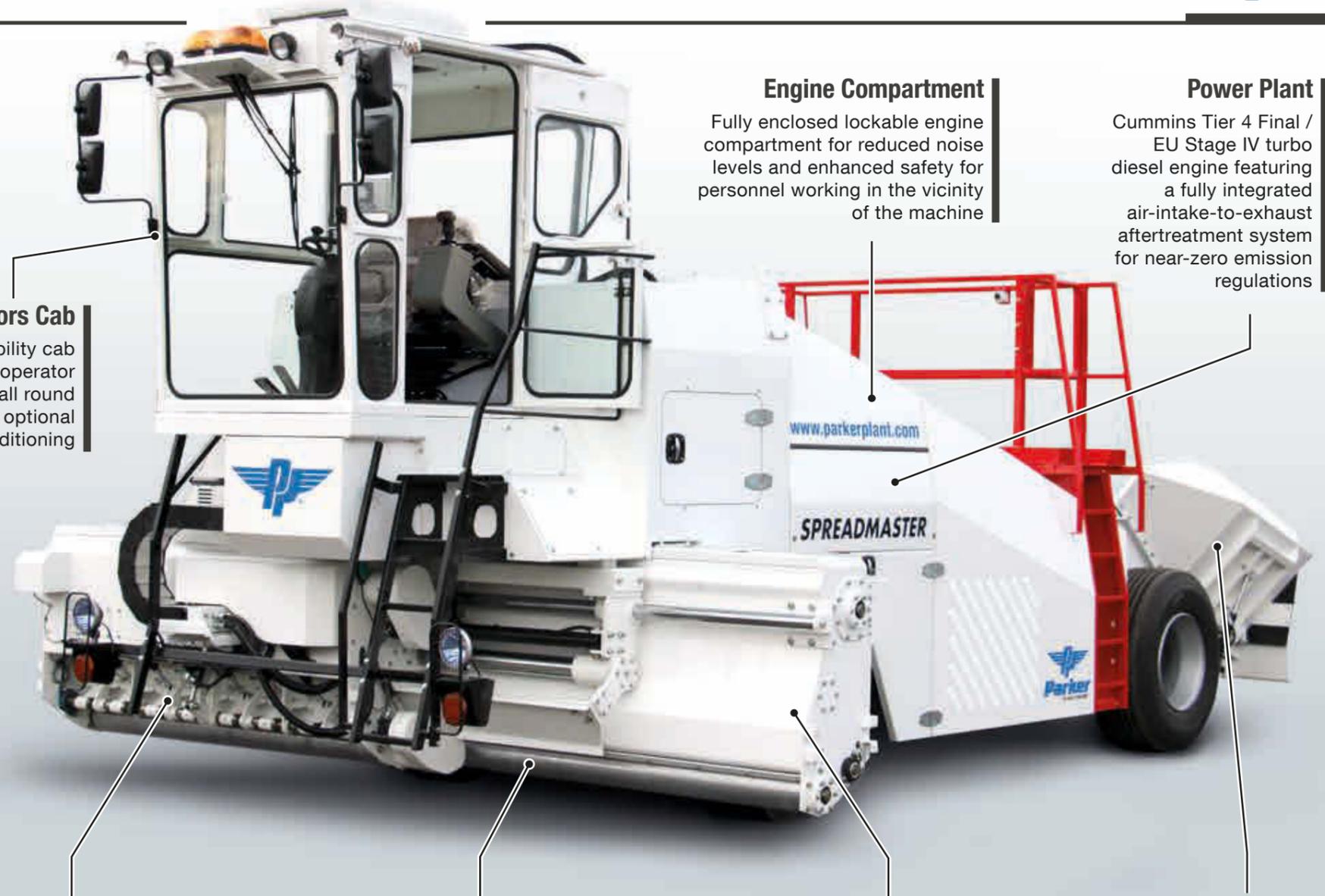
Chip Spreader

The Parker 'Spreadmaster' chipping spreader has been designed as the ultimate solution for surface dressing works. Controls have been centralised to simplify operation and minimise the time needed for driver training with a single joystick for all chip spreading controls and a steering wheel and accelerator to drive the machine. With a variable width twin section front aggregate hopper which is continuously expandable and a series of cut off gates the chipper is capable of spread widths of 300mm to 4.40m (12" to 174").

The Cummins Tier 4 Final / EU Stage IV Power Plant features a fully integrated aftertreatment exhaust system maximising torque output and fuel economy while achieving near-zero emissions.



Chip spreading in operation with chipping supply truck on tow.



Operators Cab

High visibility cab giving operator excellent all round visibility with optional air-conditioning

Engine Compartment

Fully enclosed lockable engine compartment for reduced noise levels and enhanced safety for personnel working in the vicinity of the machine

Power Plant

Cummins Tier 4 Final / EU Stage IV turbo diesel engine featuring a fully integrated air-intake-to-exhaust aftertreatment system for near-zero emission regulations

Hydraulic Feed Gates

The eight hydraulically operated feed gates along each of the spreading rollers are individually controllable for easy adjustment of the spread width

Spreading Rollers

The counter rotating rollers apply chippings in a straight line across the full width. The single joint between rollers minimises the risk of chipping overlap

Spreading Hoppers

Spreading hoppers fully extended to give a maximum spread width of 4.40 metres. The spreading roller is linked to the road speed to ensure accuracy of chipping spread rate

Feed Hopper

Large capacity rear feed hopper permits continuous operation when changing chipping feed trucks

Features



Travel Mode

With front and rear hoppers fully retracted the machine has a travelling width of 2.55 metres for movement between sites.



Extending Spread Hoppers

Right hand spreading hopper fully extended showing the feed roller and feed gates.



Control Screen

Control selection screen where the required parameters can be preset to enable operation using the joystick control. Road speed and spreading speed are automatically matched.



Joystick Control

The joystick which controls feed hopper raise and lower, spreading on and off, spreading hopper extension and retraction and tow hitch operation.



Feed Hopper & Tow Hitch

Large capacity rear feed hopper featuring hydraulic folding wings and tow hitch to capture & tow chipping feed trucks.

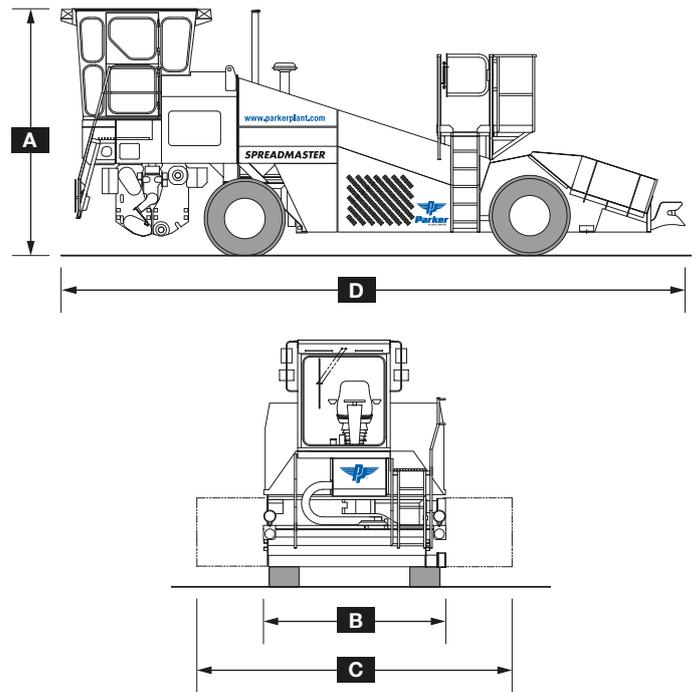


Feed Conveyors

Chipping feed conveyors which operate automatically to maintain chipping levels in the front spreading hoppers with a manual override option.

Technical Specifications

Description		Units	Spreadmaster	
			Transport	Operating
Dimensions				
Overall Height	A	m	3.50	3.50
		inches	11' 6"	11' 6"
Overall Width	Minimum	B	m	2.55
			inches	8' 5"
	Maximum	C	m	2.55
			inches	8' 5"
Overall Length	D	m	8.80	
		inches	28' 10"	
Mass (Unladen)		Kg	12,000	
		lb	26,500	
Engine				
Power Plant	-	Cummins QSB6.7 Tier 4 Final / EU Stage IV Turbo Diesel		
Engine Power	kW	194		
	hp	260		
Fuel Capacity	Litres	250		
	Gal	55		
Maximum Travel Speed	mph	19		
	km/h	30		
Capacities				
Receiving Hoppers (Heaped)	m ³	3		
	yd ³	4		
Feed Conveyor Width	mm	2 x 500		
	inches	2 x 20"		
Spreading Hoppers (Trimmed)	m ³	2 x 1.0		
	yd ³	2 x 1.3		



Options	
Banksman bridge	
Air-conditioned cabin	
Remote radio control of spreading operations	
Front screen heaters	



Benefits

- Simple operating controls minimise time needed for operator training
- High travel speed between sites to reduce down time
- Accurate rate of spread of chippings without overlaps
- Spread widths from 300mm to 4.40 metres (12" to 174")
- Efficient Tier 4 Final / EU Stage IV 194kW (260hp) engine with aftertreatment for near-zero emissions
- Four wheel hydraulic drive to cope with demanding terrain

DEALER STAMP

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